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Rest Local Similarity 199.0%; Fred, No. 2.6e-82;
Matches 150; Conservative 0: Mismatches 0: Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               useful for modulating seed development and for inducing ecclopic development of embryonic tissue in a plant through a second research polynnodeoride is introduced into the plant through a second heterolopus polynnodeoride selected from AP2 and kAP2 dense of Arabidgesis. The Delynnodeoride selected from AP2 and kAP2 dense of Arabidgesis. The polynnodeoride is also useful for targetting expression in a second and for preparing expression cassettes for suppressing of enhancing and for preparing expression cassettes for suppressing of enhancing endocuous (EC) dense expression, which is useful in weed control or for improving nutritional value of plant tissue respectively. LET polynnodeories in storage projection contest in conflictions or ferress. EC) also increases reproductive tissue mass, e.g., increases truit size, seed mass, its protein or its cil.
                          Lower Ks.
                                                                                                                                                                                                                                                                                                                          W0200028058-A2
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                                                                      (DUPO) DU PONT DE NEMOURS & CO E 1.
                                                                                                                                                  10-NOV-1998;
                                                                                                                                                                       18661 AON 60
                                                                                                                                                                                                                            19 NOV - 1999;
                                                                                                                                                                                                                                                                              18 MAY - 2000
                                                                                                                                                                                                                                                                                                                                                                                                                         selectable marker; transgenie plant; transgenie seed; HAP3
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Soybean; leafy cotyledon 1 transcriptional activator; LECE: apomixis;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Soybean LECT # 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAY96216 standard; Protein; 240 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              148 pshylpppqpyqmiddsmvmqqqryyqn 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      88 itaedilwamsklqtdnyvdpltvtinryreietdrasaliaeppslratyaaniiatha 147
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S. Gordon-Kamm WJ. Klein TM.
Hoerster GJ. Gregory TA. N
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                                                                                                                                                9805-0107643.
9805-0107810.
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                    Rasco-Gaunt S. Cahoon KE
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Nadimpalli E:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    New HAP3 type CCAAT box binding transcriptional activators.
                                                                                                                                                                                                                                                                                                                                Soybean; leafy cotyledon I transcriptional activator; LECI; apomixis; selectable marker; transgenic plant; transgenic seed; HAP3.
                                                                                                                                                                                                                                                                                                                                                                                       Soybean LEC1 # 2 protein # 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAY96224 standard; Protein; 355 AA
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                 Sun X. Hoerster GJ. Gregory CA.
                                   Lowe ks,
                                                                    (DUPO ) DU PONT DE NEMOURS & CO E I.
                                                                                        (PION-) PIONEER HI-BRED INT INC
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hes 95. Conserv
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                                                                                                                             9805-0107810
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                                                                                                                                                                                     99WO-US26514.
                 Nadimpalli R;
                                     Sasily Gaunt S,
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Bost Local Similarity
Matches 95; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2000-376568/32.
N-PSDR: AAA27460.
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(9-NOV-1998;
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98US-0107643
                                                                                  99WO-11826514
                                                                                                                                                                                                                                                                                                                             /mote- "All Xs are unspecified residues encoded by stop codons" % \left( \frac{1}{2}\right) =\frac{1}{2}\left( \frac{1}{2}\right) ^{2}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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Best Joeal Similarity (Co.
Co. 95) Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Arabidopsis 1801 consensus region.
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                                                          CHEST AVW HIS
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Physik: Pred: No. 4, Let 45;
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Best Local Similarity
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(8661 AON -01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EECH consensus sequence from Arabidopsis. This sequence is a HAPA-type CTART back budden problem. EECH expression introduces the commution of embryo like structures and impress greath and recovery of transformatis. When appearing over 1, i.e. the replacement of soxual reproduction by assexual reproduction, LECH expression in the nucleibus
                                                                          (6561 AUN-60
                                                                                                                      0007, AVW 81
                                                                                                                                                                       W0200028058-A2
                                                                                                                                                                                                                     Veronia mespilitolia.
                                                                                                                                                                                                                                                                 selectable marker; transgenic plant; transgenic seed; HAPs
                                                                                                                                                                                                                                                                                          Lealy cotyledon I transcriptional activator: LECH: apomixis;
                                                                                                                                                                                                                                                                                                                                           Veronia mespilitolia LECL.
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particularly leafy cotyledon 1 transcriptional activator, useful for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WP1; 2000:376568/32.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   inducing somatic embryogenesis or apomixis in a plant ceil
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     9808-0107810
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Best Iocal similarity
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   :8661-AOA-1688
                                                       09-NOV-1995;
                                                                                                                          W0200028058-A2
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                                                                                                                                                                                                                                                Soybean LEC1 # 3.
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                                                                                                                                                                                         selectable marker; transgenic plant; transgenic seed,
                                                                                                                                                                                                                                                                                11-SEP-2000 (first entry)
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 9805 0107643.
9805-0107810.
                                                   99WO-US26514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  57.7%; Score 464; DB 21; Length 214: 60 4%; Pred. No. 4.2e-44;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present sequence is the sephean leafy cotyledon I transcriptional activator, EEC1. This sequence is a HAP3-type CCAAT-box binding protein. LEC1 expression initiates the tormation of embryo like structures and reproves growth an inverse of transformants. What appearing ecours, i.e. the replacement of sexual reproduction by accumal reproduction, LEC1 expression in the nuclellus intequent, or cell specific expression in the nuclellus transport embryo formation from maternal tissues only. This results in the production of seeds identical to the parent. Using LEC1, transgenic high yielding seeds could be developed. In addition, LEC1 could be used for positive selection of a transformed cell (transgenic plant), for increasing transformation efficiency and for increasing recovery of regenerated plants.
              10-NOV-1998;
                               09-NOV-1998;
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                                                                                                                                                                                                                                                             Maize LEC1 # 1.
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                                                                                                   18-MAY-2000
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                             98US-0107643.
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                                                                  Pinus radiata
                                                                                                                                                                                        Plust transmighter for a, your repression ourlytes picture poplar sweaterms tray malegamy by PPP Clear bridging trains; basic helix loop helix algebra, bomacotic, bemondomain, bemoleox; MADS; homeodomain zipper; LIM domain; AP2; EREBs; zinc finger domain; type 2 Cys2His2, CCAAT box clement, MYB.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     the replacement of sexual reproduction by asexual reproduction, LEC1 expression in the nuclellus intequment, or cell specific expression in the medalogue mother cell would trigger embryo formation from maternal tissues only. This results in the production of speeds identical to the parent "star (PT) transferme high fielding goods could be described addition (PC) could be used for passivity schedious of a transfermed cell (transgenic plant), for increasing transformation efficiency and for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Claim 13; Page 93; 94pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pinus gadiata transcription factor protein sequence #129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New HAP3-type "MAAT-box binding transcriptional activators, useful for particularly leafy cotyledon I transcriptional activator, useful for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   78661-AON-01
78661-AON-60
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44.5%; Pred. No. 2.4e-35;
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EP1033405-A2

Arabidopsis thallana

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 reachiptus, pine, acadia, paplut, sweetyam, teak, at adhagany species or to modify the activity of a polypeptide in a plant. The transcription factors of the present invention are members from the following families of regulatory pactains. LCIP, LCIP family of G box binding factors, basis belia lepth in the provincial families belia lepth in the provincial families of type 2 course. LIM domain, AP2 and EREBS, zinc tinger domains of type 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The present invention relates to movel plant transcription factors from Encalyptus grands or Pinus related. The present sequence is one such transcription factor. The transcription factor by the used to produce a plant had no modified from requestion such as a woody plant 6-4, a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New isolated polynucleotide encoding a plant transcription factor for producing a plant e.g. a woody plant, preferably eucalyptus or pine, bring modified gene expression or modified activity if a polypeptide
                                                                                                                                                                      Arabidopsis thaliana protein tragment SEQ ID NO: 757
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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19-AUG 1999; 9908 0119485.
                                                                                                            State in identification; signal transduction pathway; metabolic pathway;
hybridisation assay; genetic mapping, gene expression control; promoter;
                                                                                                                                                                                                         17-00F-2000 (first entry)
                                                                                                                                                                                                                                                   AAG04651;
                                                                                                                                                                                                                                                                                          AAG04651 standard; Protein; 141 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 8, Page 387, 747pp, English.
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